APPENDIX I

GLOSSARY

A

AUTHENTICATION— A security measure designed to protect a communications or command system against fraudulent transmissions or simulation.

AUTOMATIC DIGITAL NETWORK (AUTODIN)— A worldwide automatic communications system that provides automatic data service.

В

BEADWINDOW— A term describing a real-time procedure used to alert circuit operators that an unauthorized disclosure has occurred.

 \mathbf{C}

- **CARRIER** the unmodulated signal originally produced in the oscillator section of a transmitter.
- **CONFIDENTIAL** Information the unauthorized disclosure of which could reasonably be expected to cause damage to the national security.
- **CRYPTOSYSTEM** Information encompassing all the associated items of cryptomaterial that are used together to provide a single means of encryption or decryption.

D

- **DEFENSE SWITCHED NETWORK (DSN)** A nonsecure telecommunications telephone interconnected network among military and other government installations (formerly AUTOVON).
- **DIRECTED NET** A net in which member stations must obtain permission from the net control station (NECOS) prior to communicating with other stations on the net.

 \mathbf{E}

EMISSION CONTROL (**EMCON**)— General or specific restrictions placed on electromagnetic radiations for a particular area or areas.

F

FREE NET— A communications net of which member stations need not obtain permission of the net control station (NECOS) to transmit.

G

GATEGUARD— A security subsystem that allows commands to interface directly with the AUTODIN system as part of the NSTA program.

L

LOCAL HOLDER— A command or activity whose COMSEC material needs are met by drawing the material from a single CMS account.

M

MANUAL RELAY CENTER MODERNIZATION PROGRAM (MARCEMP)— An automation support system for all aspects of HF message relay operation in the Fleet Center.

P

PROSIGNS— Letters, or combinations of letters, that convey frequently sent orders or instructions in a simple, standard format.

PROWORDS— The phonetic equivalent of prosigns.

S

- **SECRET** Information the unauthorized disclosure of which could reasonably be expected to cause serious damage to the national security.
- SECURE TELEPHONE UNIT THIRD GENERATION (STU-III)— Desktop phone unit that provides users with both clear and secure voice and data transmissions.
- **SEED KEY** Special keying material used for the initial electronic set-up of the STU-III terminal.
- **SERVICE MESSAGE** A short, concise message between communication personnel requiring prompt attention.

APPENDIX II

GLOSSARY OF ACRONYMS AND ABBREVIATIONS

 \mathbf{E} A **EDPE**— Electronic data processing equipments AGT— AUTODIN Gateway Terminal **EEFI**— Essential Elements of Friendly Information **AIG**— Address indicating groups **EMCON**— Emission control AIS— Automated Information System **EOM**— End of message AIT— AUTODIN Interface Terminal **EWC**— Electronic warfare coordinator **ASC**— AUTODIN Switching Center **AST**— AUTODIN Subscriber Terminal \mathbf{F} **AUTODIN**— Automatic Digital Network FIFO— First-in-first-out **AUTOVON**— Automatic Voice Network FLTSATCOM— Fleet Satellite Communications В G **GD**— Guard device BIU-BUS interface unit GMT— Greenwich mean time \mathbf{C} C2— Command and control HARPS— Hybrid AUTODIN Red Patch Service **CAI**— Communication Action Identifier **HERO**— Hazards of Electromagnetic Radiation to **CDPS**— Communication Data Processing System Ordnance CIC—Combat Information Center; Content Indicator I Code I/O— Input and output **CIK**— Crypto-ignition key K CIN— Component identification number KMC— Key Management Center **CMS**— Communications Security Material System **COMSEC**— Communications security L COMNAVCOMTELCOM— Commander, Naval **LDMX**— Local Digital Message Exchange Computer and Telecommunications Command LH— Local Holder **CUDIXS**— Common User Digital Information Exchange System \mathbf{M} CSN— Channel service number MAN— Message accountability number D MARCEMP— Manual Relay Center Modernization Program **DCS**— Defense Communications System

DSN— Defense Switched Network

MLPP— Multilevel precedence and preemption

MSL— Master Station Log	R	
MS/DOS— Microsoft® Disk Operating System	RAM— Random-access memory	
MTTS— Magnetic tape terminal station	RI— Routing indicator	
N	RIXT— Remote Information Exchange Terminals	
NAVCOMPARS— Naval Communications Processing and Routing System	R/T— Radiotelephone S	
NAVMACS— Naval Modular Automated Communications System	SID— Subscriber identification	
NCS— Net Control Station	SOPA— Senior officer present afloat	
NECOS— Net Control Station	SSIXS— Submarine Satellite Information Exchange Subsystem	
NST— Navy Standard Teleprinter	SSN— Station serial number	
NSTA— Navy Standard Teleprinter Ashore	STU-III— Secure Telephone Unit Third Generation	
NTC— Naval Telecommunications Center	SUSDUPE— Suspected duplicate	
0	T	
OAS— Office automation system	TCC Telescommississions Contain	
OPDEC— Operational deception	TCC— Telecommunications Center	
OPSEC — Operational security	V	
OTAR— Over-the-air Rekey	(V)— Version (e.g., (V)5fifth version)	
OTAT— Over-the-air Transfer	VDT — Video display terminal	
P	\mathbf{W}	
PCMT— Personal Computer Message Terminal PLA— Plain language address	WWMCCS— Worldwide Military Command and Control System	

APPENDIX III

REFERENCES USED TO DEVELOP THE TRAMAN

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